

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(pixel same (wiring near layer) same (photodiode photo\$1diode) same aperture) and @ad<"20031218"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 03:32
L2	23	(pixel same (wiring near layer) same (photodiode photo\$1diode)) and @ad<"20031218"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 03:32
L4	98824	("photosensor" Photo\$1sensor "light detector" "light sensor" "light\$1sensor" "image sensor" "charge couple Device" CCD (solid near state near imag\$3)) and substrate	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 04:11
L5	4	I4 and ((light near transmitt\$3) with (BPSG)) and @ad<"20031218"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 04:11
L6	1180	257/291.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 05:08
L7	822	I6 and I4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 05:08
L8	2115	257/432.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 05:08

L9	721	l8 and l4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 05:09
S1	6	("20030168679"   "20060102827"   "4994664").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 16:19
Q2	1	"10576273"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 16:22
S3	1	"10576273"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 03:41
S4	2	("20050110104").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/23 14:55
S5	0	Jp-2000039503 5-251673	JPO; DERWENT	OR	OFF	2009/03/23 18:00
S6	2	Jp-2000039503-\$ 5-251673	JPO; DERWENT	OR	OFF	2009/03/23 18:00
S7	2	Jp-2000039503-\$	JPO; DERWENT	OR	OFF	2009/03/23 18:00
S8	4	Jp-2000039503-\$ jp-05251673-\$	JPO; DERWENT	OR	OFF	2009/03/23 18:01
S9	12	(Toshiyuki near2 Kimiaki).in. and matsushita.asn.	JPO; DERWENT	OR	OFF	2009/03/23 19:23
S10	44	("3746454"   "4410804"   "4644148"   "4649351"   "4708436"   "4878735").PN. OR ("4994664").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/29 14:56
S11	3	("20050161589"   "4994664"   "6100525").PN. OR ("7329871").URPN.	US-PGPUB; USPAT; USOOR	OR	OFF	2009/03/29 14:58
S12	0	("jp-2001-108812\$").PN.	JPO; DERWENT	OR	OFF	2009/03/29 22:12

S13	0	("jp-2001-108812").PN.	JPO; DERWENT	OR	OFF	2009/03/29 22:13
S14	0	("jp2001108812").PN.	JPO; DERWENT	OR	OFF	2009/03/29 22:13
S15	3	("2001108812").PN.	JPO; DERWENT	OR	OFF	2009/03/29 22:13
S16	0	("photosensor" "Photo\$1sensor" "lightdetector" "lightsensor" "imagesensor" "chargecoupleDevice" "CCD" (solidnearstatenearimag\$3)).PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/29 23:40
S17	98824	("photosensor" "Photo\$1sensor" "light detector" "light sensor" "light\$1sensor" "image sensor" "charge couple Device" "CCD (solid near state near imag\$3)) and substrate	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/29 23:41
S18	128	(light near transmit\$4 near (film layer)) with ((TiO.sub.2 or "ZrO.sub.2" or "Nb.sub.2O.sub.5" or "Ta.sub.2O.sub.5" or "Si.sub.3N.sub.4" or "Si.sub.2N.sub.3") or ("titanium oxide" "zirconium oxide" "tantalum oxide" "silicon nitride"))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/29 23:47
S19	27	S17 and S18	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/29 23:48
S20	6	S19 and @ad<"20031218"	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/29 23:49
S21	234	(light near transmit\$4 near (film layer)) same ((TiO.sub.2 or "ZrO.sub.2" or "Nb.sub.2O.sub.5" or "Ta.sub.2O.sub.5" or "Si.sub.3N.sub.4" or "Si.sub.2N.sub.3") or ("titanium oxide" "zirconium oxide" "tantalum oxide" "silicon nitride"))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/29 23:52
S22	55	S17 and S21	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/29 23:53

S23	15	S22 and @ad<"20031218"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/29 23:53
S24	407112	("photosensor" Photo\$1sensor "light detector" "light sensor" "light\$1sensor" "image sensor" "charge couple Device" CCD (solid near state near imag\$3))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/29 23:55
S25	13265	(light near4 (film layer) same ((TiO. <sub>2</sub> or "ZrO. <sub>2</sub> " or "Nb. <sub>2</sub> O. <sub>5</sub> " or "Ta. <sub>2</sub> O. <sub>5</sub> " or "Si. <sub>3</sub> N. <sub>4</sub> " or "Si. <sub>2</sub> N. <sub>2</sub> O." or ("titanium oxide" "zirconium oxide" "tantalum oxide" "silicon nitride")))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/29 23:56
S26	1764	S24 and S25	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/29 23:57
S27	36	S26 and (pixel near2 array) and (unit near2 pixel)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/29 23:58
S28	11	S27 and @ad<"20031218"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/29 23:59
S29	4	S28 and ((red green blue) with pixel)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 00:01
S30	1100	S17 and (pixel near2 array) and (unit near2 pixel)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 00:12

S31	726	S30 and (photodiode Photo\$1diode Photodetector photo\$1detector)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 00:13
S32	177	S31 and ((red green blue) with pixel)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 00:13
S33	41	S32 and @ad<"20031218"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 00:13
S34	0	"1010434109"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 00:50
S35	0	"10434109"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 00:51
S36	2	"6734031".pn.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 00:51
S37	2	("20030215967").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 00:52

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